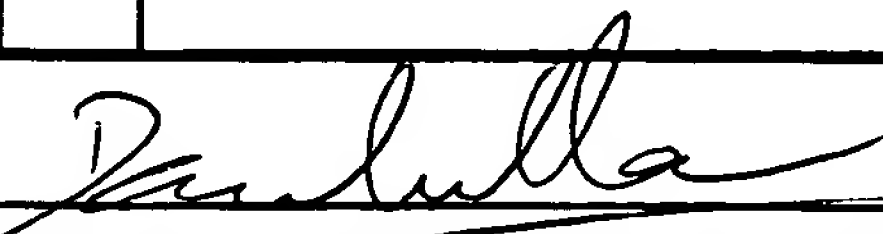
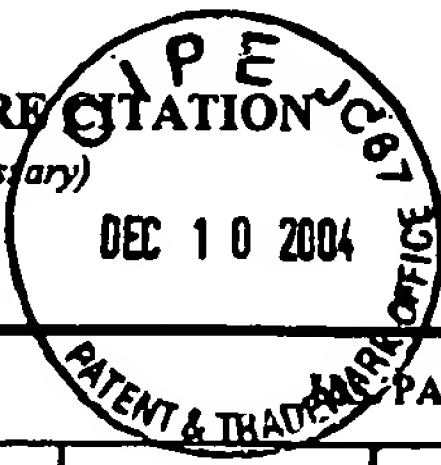
 INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small>				Docket Number (Optional) 15689.72		Application Number 09/880,453		
				Applicant(s) Motohiro Tanno et al.				
				Filing Date 6/13/2001		Group Art Unit 2634		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO	
DA	1	10-112672	4/28/1998	Japan	H04B1	707	✓	
DA	2	11-008568	1/12/1999	Japan	H04B1	707	✓	
DA	3	07/140224	6/2/1995	Japan	G01S5	14	✓	
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
DA	4	Official Notice of Rejection Patent Application No. 2000-178747 Case No.: DCMH120012						
EXAMINER 				DATE CONSIDERED 05/10/05				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 15689.72		Application Number 09/880,453	
				Applicant(s) Motohiro Tanno et al.			
				Filing Date June 13, 2001		Group Art Unit 2681	

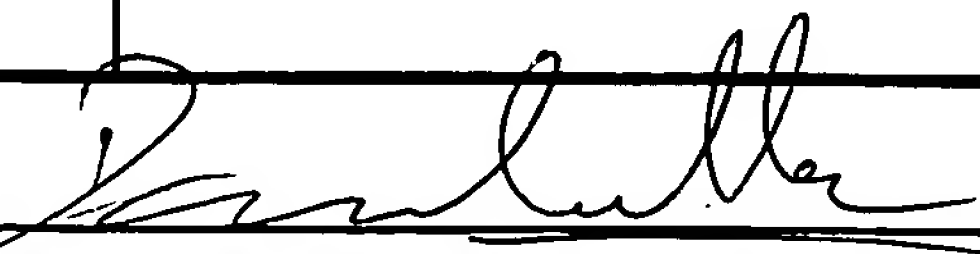


PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	1	5,818,869	10/6/1998	Miya et al.	375	206	May 15, 1997

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
DA	2	WO 99/43102	8/26/1999	WIPO	H04B7	04	✓	
DA	3	WO 00/11876	3/2/2000	WIPO	H04Q	A2	✓	
DA	4	EP 0 963 060 A2	12/8/1999	Europe	H04B7	06	✓	
DA	5	EP 1 109 325 A2	6/20/2001	Europe	H04B1	707	✓	
DA	6	EP 1 130 793 A1	9/5/2001	Europe	H04B 1	707	✓	

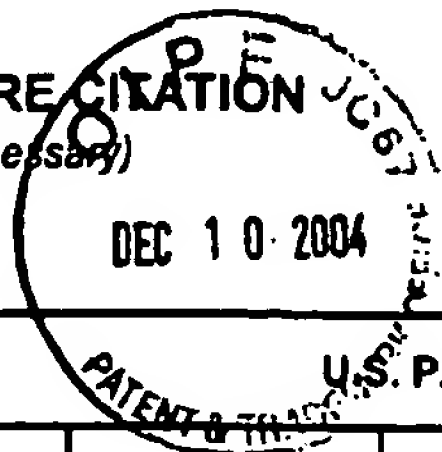
OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER 	DATE CONSIDERED 05/10/05
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INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.

15689.72

APPLICATION NO.

09/880,453

APPLICANT(S)

Motohiro Tanno, et al.

FILING DATE

June 13, 2001

GROUP ART UNIT

2681

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
DH	7	EP 0 996 237 A1	4/26/2000	Europe	H04B7	005	✓	
DH	8	WO 99/12295	3/11/1999	WIPO	H04J13	00	✓	
DH	9	WO 99/20023	4/22/1999	WIPO	H04L27	233	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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05/10/05

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